

UFAQ PM_{2.5} WORKGROUP

Round 3 Meetings: April 2012



Introduction and Key Points

- DAQ continues to work hard to safeguard public health through this PM 2.5 SIP development process. We know that Public Health is important to you and your community.
- Our information and modeling has become very refined, and we are seeing our challenges clearly. In this non-attainment area, we will need to employ many strategies to succeed.
- Implementing these strategies will be challenging for ALL source types.

Meeting Agenda

Segment 1: DAQ information and presentation (9:00-10:05 am)

Introduction and Welcome: **9:00-9:05**

Progress Report: **9:05-9:10**

Model Results: **9:10-9:30**

Point Source Discussion: **9:30-9:40**

Strategy Definition Q&A: **9:40 – 9:50**

Prioritization Exercise and Break: **9:50-10:05**

Segment 2: Prioritized Strategy Discussions (10:05- Close)

Breakouts to 3 tables for specific discussions of identified priorities: **10:05-10:55**

Next Steps: **10:55-11:00**

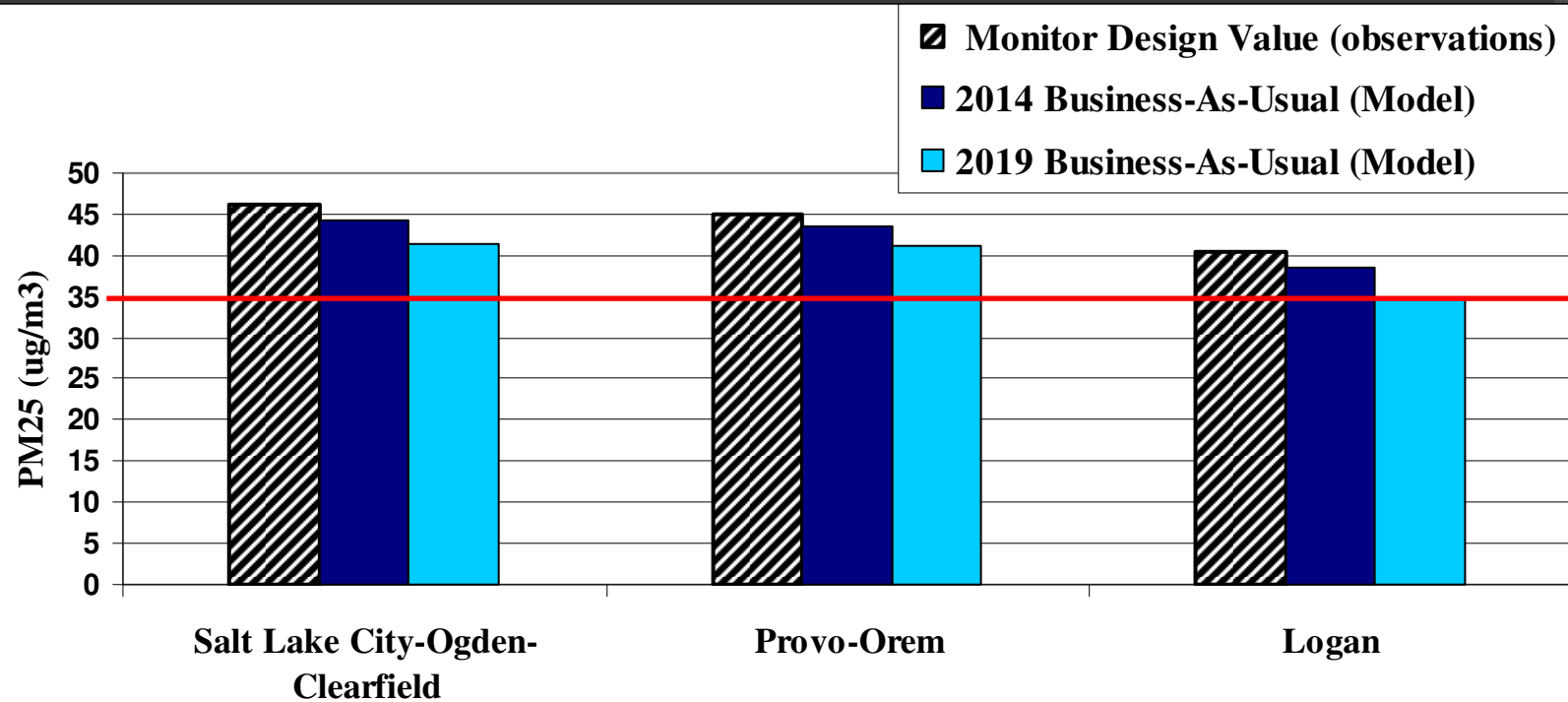
- Survey (week of April 30)
- Rulemaking (summer 2012)
- Public Comment Period (late summer 2012)
- Open Houses (public and Workgroups together – late summer 2012)

Model Attainment Test

- ◎ **All monitor sites in each non-attainment area must meet 24-hr PM_{2.5} NAAQS standard**
- ◎ **Outline:**
 - **Model attainment test will be presented for each non-attainment area for 2014 and 2019**
 - **Results from both Business-As-Usual and emission control reductions will be shown**

Model Attainment Test

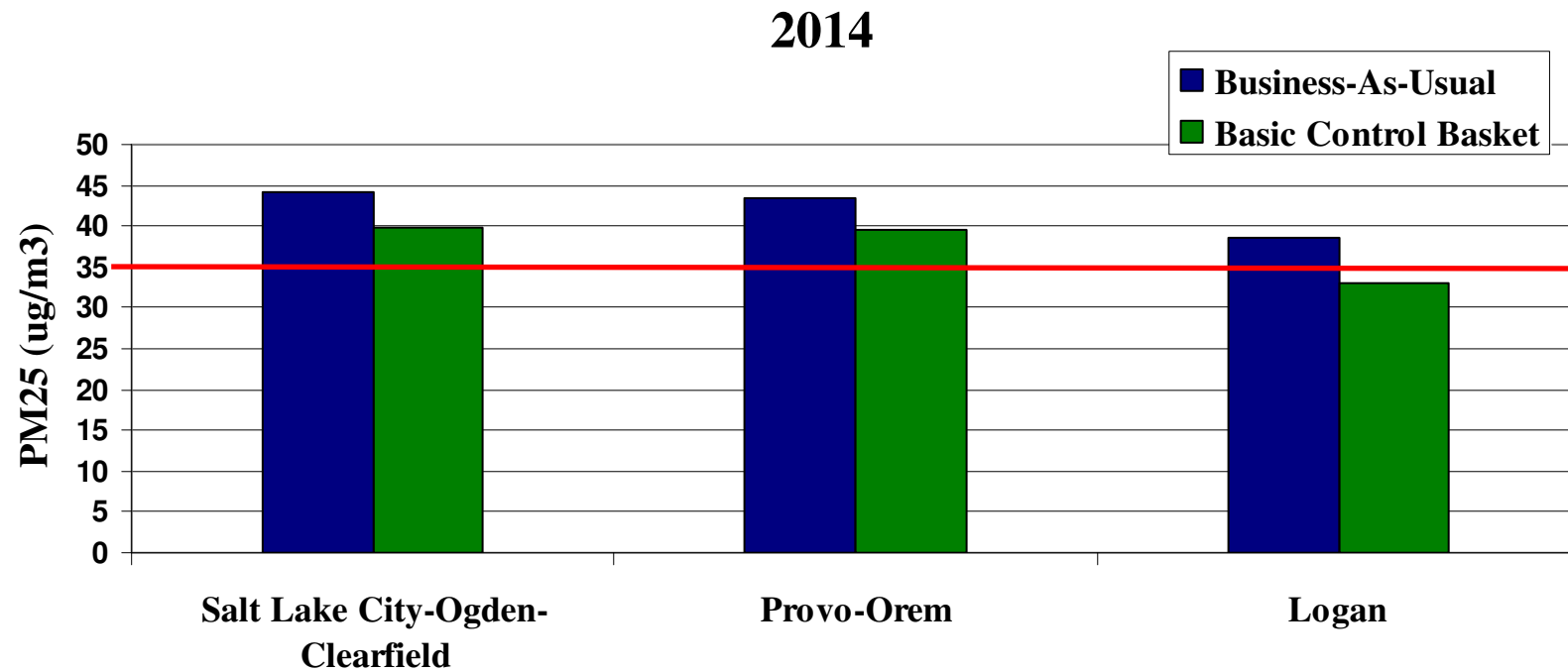
April 20, 2012



Non-Attainment Areas

Model Attainment Test

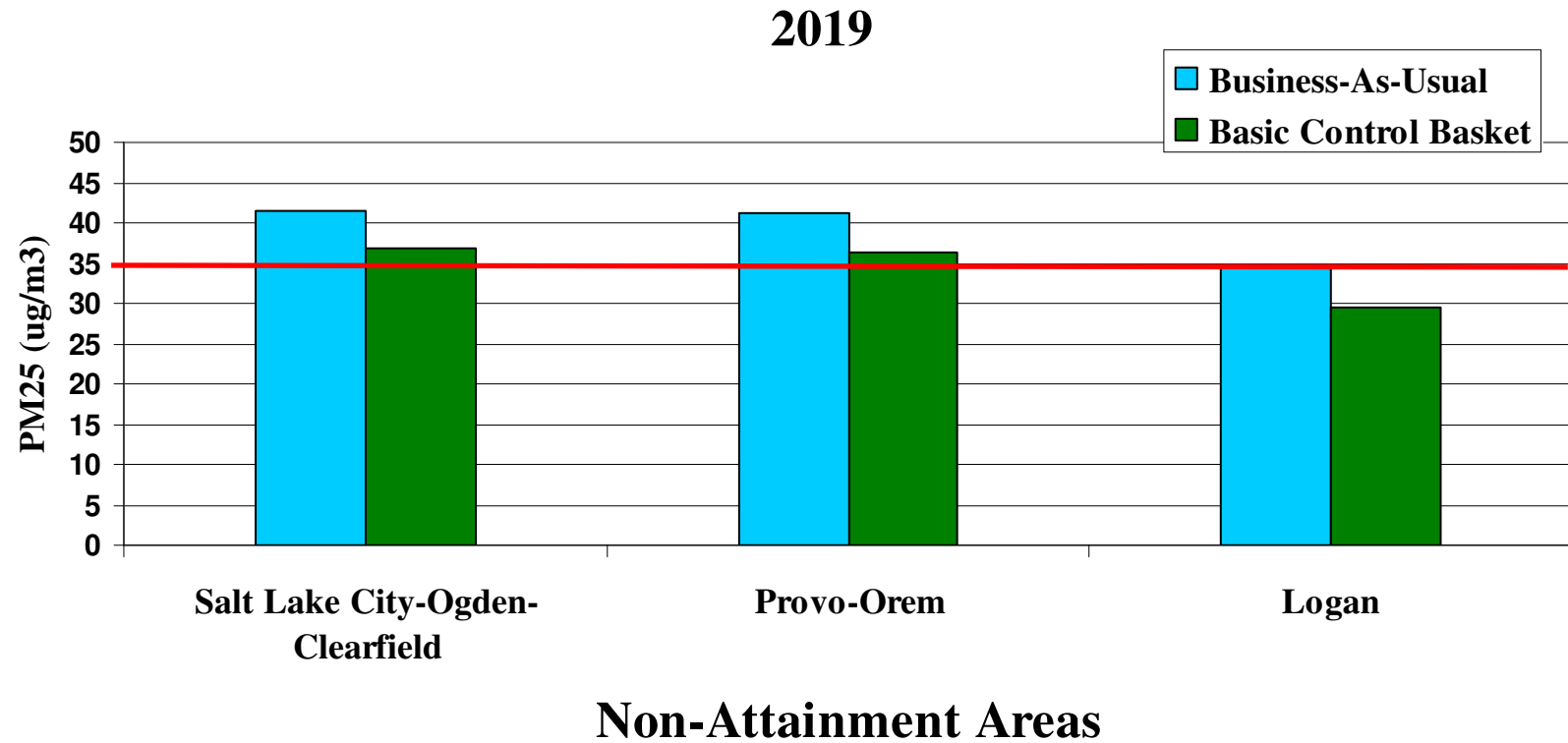
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Non-Attainment Areas

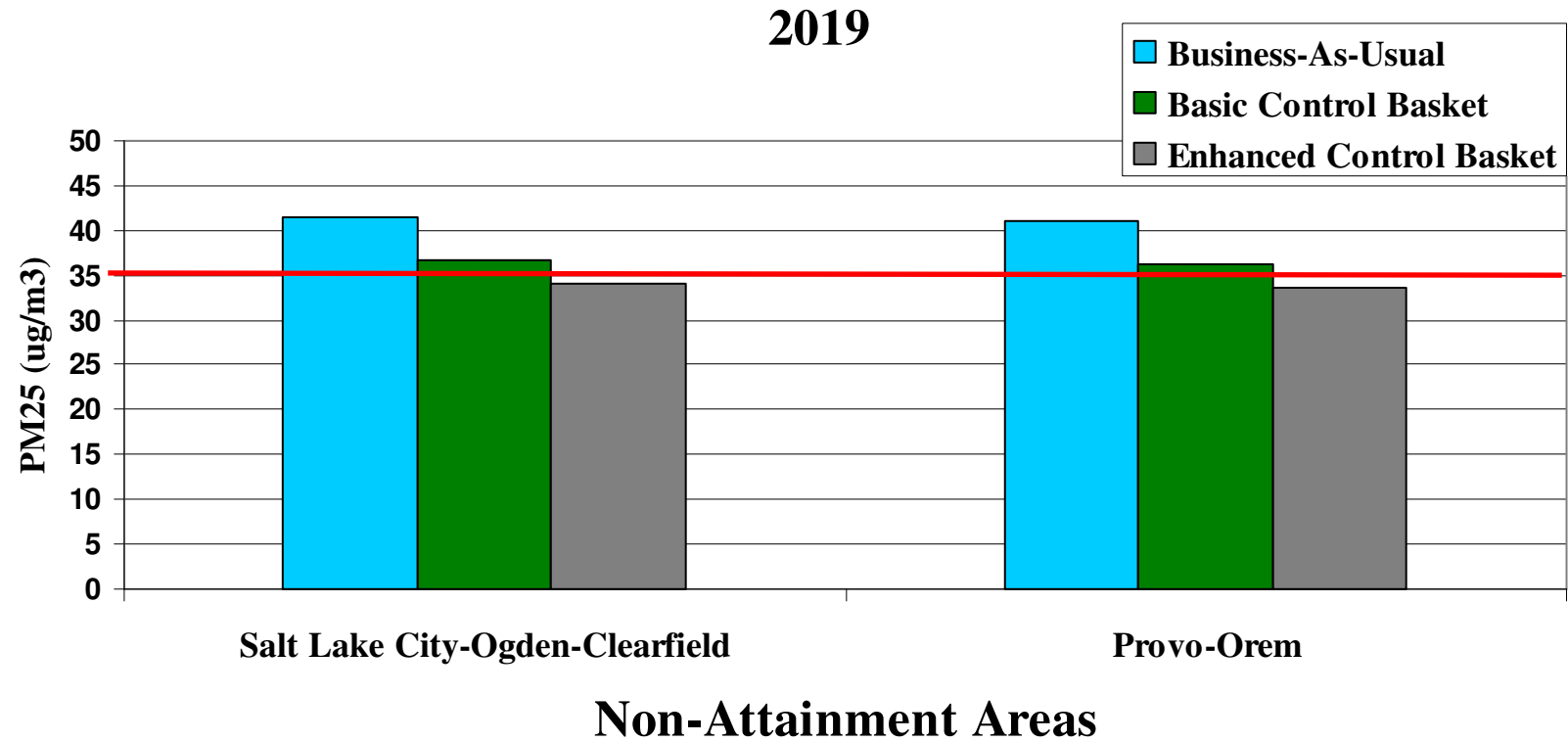
Model Attainment Test

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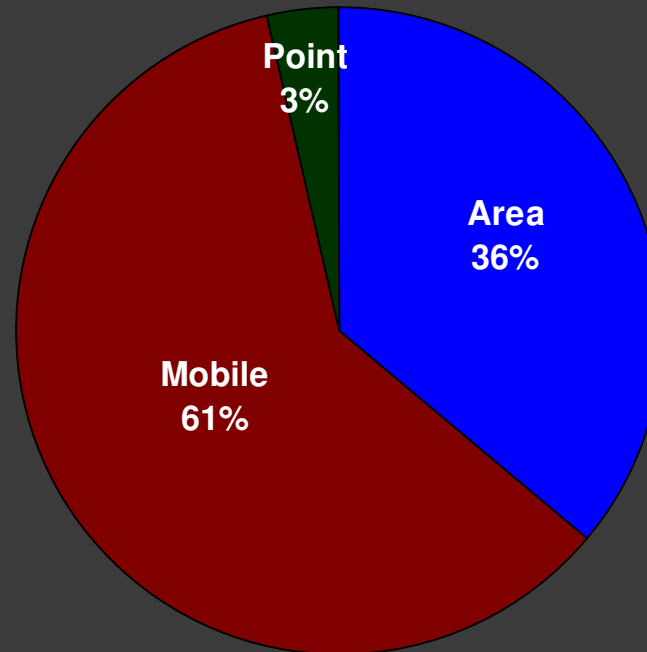
Model Attainment Test

April 20, 2012



2014 Projected Actual Emissions Inventory

Provo-Orem NAA



% of total inventory

	VOC	NOx	SOx	PM25
Area	7.1%	0.2%	0.5%	9.2%
Mobile	1.0%	0.6%	0.4%	0.2%
Point	0.2%	0.0%	0.0%	0.5%

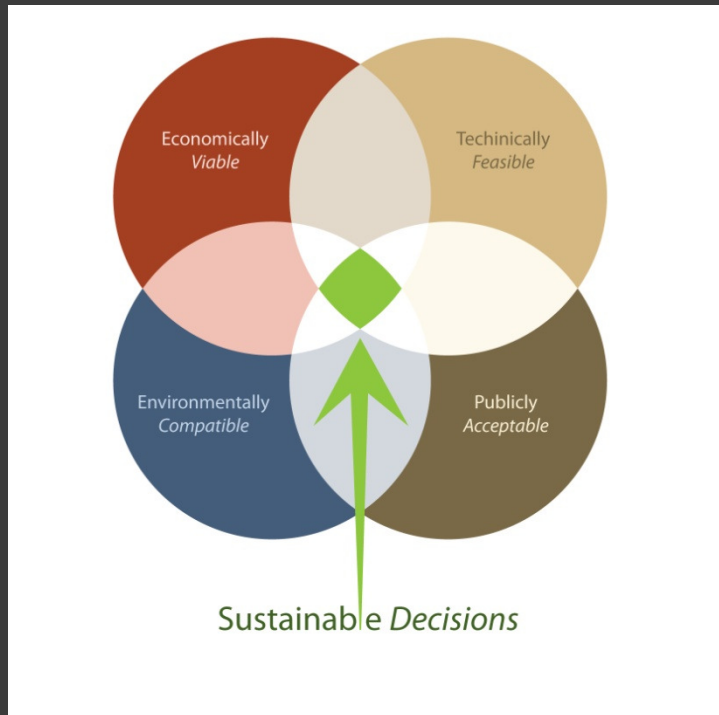
Basic Control Basket Reductions

POINT SOURCE EVALUATION: PM_{2.5} SIP

Reasonably Available Control Technology (RACT) Analysis

- Point Sources/Characteristics
- RACT Requirements
- Path Forward

Prioritization and Breakout Instructions



Prioritization Exercise

- 15 min for prioritization and break.
- 3 colors of paper. Use as follows:
 - 1 Pink – the one I most want to discuss (name)
 - 2 Green – most preferred (why in under 5 words)
 - 2 Yellow – least preferred (why in under 5 words)
- Put your ideas on the board under the appropriate strategy.
- We will organize the tables to discuss the strategies you prioritize.

Breakout Instructions

- 50 minutes to discuss your priorities.
- The dialogue will be open.
- Please respect everyone and take turns speaking.